

Abstract of the Disclosure

Provided are an integrated circuit and a method thereof, in which different types of signals can be applied to an internal circuit via one pin. The integrated circuit device includes a distribution unit, a level fixing unit, and an activation unit.

5 The distribution unit receives and outputs a first input signal input via the first input pin, and receives and outputs a second input signal input via the first input pin in response to a control signal. The level fixing unit receives the first input signal from the distribution unit and applies a signal having the same voltage level as the first input signal to a first internal circuit in response to the control signal. The activation
10 unit receives the second input signal input via the second input pin and then applies the second input signal to a second internal circuit or applies the second input signal output from the distribution unit to the second internal circuit in response to the control signal.

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